

LYNCHBURG FIRE & EMS DEPARTMENT  
Standard of Response Cover

Table of Contents

CHAPTER 1      Introduction

CHAPTER 2      Community Baselines  
Community Overview----- 2.1  
Governance Model of the Authority Having Jurisdiction----- 2.2

CHAPTER 3      Standards Goals and Objectives  
Introduction -----3.1  
Vision, Purpose, and Values -----3.1  
Current Levels of Service -----3.5  
Service Delivery Goals-----3.7

CHAPTER 4      Risk Assessment  
Introduction -----4.1  
Risk-Based Response Matrix -----4.2  
Building (Occupancy) Risk-----4.4  
Service Area Factors-----4.7  
Type of Calls to Which the Department Responds----- 4.12  
General Risk Evaluation-----4.14  
Probability -----4.25  
EMS Risk Assessment-----4.25  
Types and Frequency of Calls-----4.26  
    Fire Incidents -----4.27  
    Automatic Fire Alarms-----4.28  
    EMS Incidents-----4.29  
    Hazardous Materials Incidents-----4.32  
    Technical Rescue Incidents -----4.32  
    Miscellaneous Calls-----4.33  
    Mutual and Automatic Aid Incidents-----4.34  
Community Expectations-----4.77  
Summary -----4.80

CHAPTER 5      Critical Task Capability  
Introduction -----5.1  
NFPA 1710-----5.1  
Time Points and Intervals – The Cascade of Events -----5.3  
Time Methodology Description -----5.6

|                          |  |      |
|--------------------------|--|------|
|                          | Observations on Time Components-----                           | 5.8  |
|                          | Exception Reporting -----                                      | 5.10 |
|                          | Response Performance Analysis -----                            | 5.11 |
|                          | The Relationship Between Fire Behavior and Response Time ----- | 5.11 |
|                          | Dynamics of Fire Growth -----                                  | 5.12 |
|                          | EMS Time Benchmarks and Expectations -----                     | 5.16 |
|                          | On-Scene Operations -----                                      | 5.18 |
|                          | Establishment of an Effective Response Force -----             | 5.40 |
|                          | Integrated Time and Performance Objective Standards -----      | 5.42 |
| <b>CHAPTER 6</b>         | <b>Service Level Objectives</b>                                |      |
|                          | Introduction-----  | 6.1  |
|                          | Distributions of Resources -----                               | 6.1  |
|                          | Concentration of Resources -----                               | 6.8  |
|                          | Unit Performance -----   | 6.13 |
|                          | Factors that have Affected Response Time -----                 | 6.20 |
|                          | Responding to Change -----                                     | 6.23 |
| <b>CHAPTER 7</b>         | <b>Evaluation of Response Reliability</b>                      |      |
|                          | Introduction-----  | 7.1  |
|                          | Company Workload-----  | 7.3  |
|                          | Performance Measurement and Quality Assurance -----            | 7.5  |
| <b>CHAPTER 8</b>         | <b>Policy Recommendations</b>                                  |      |
|                          | Future Needs, Recommendations and Service Improvement-----     | 8.1  |
| APPENDIX 1               | -----  | A1.1 |
| APPENDIX 2               | -----  | A2.1 |
| <b>GLOSSARY OF TERMS</b> |  |      |